

The listing of claims will replace all prior versions and listing of claims in the application.

**IN THE CLAIMS:**

Please amend the claims as follows:

1-13. (canceled)

14. (previously presented) A method for culturing organic blue-green algae, comprising the steps of:

obtaining a culture medium comprising a fermented and aerated high-nitrogen organic substance and wherein said culture medium is free of inorganic salts;

obtaining an algae species;

inoculating said algae species in said culture medium; and

culturing said algae in said culture medium in an organic environment free of inorganic additives.

15. (previously presented) The method according to claim 14, wherein said culture medium is free of carbonate or hydrogen carbonate.

16. (previously presented) The method according to claim 14, wherein said culture medium further comprises edible microorganisms.

17. (previously presented) The method according to Claim 14, wherein said high-nitrogen organic substance is a high-protein organic matter.

18. (canceled)

19. (previously presented) The method according to claim 14, further comprising harvesting said algae.

20. (previously presented) The method according to claim 14, further comprising obtaining the culture medium by agitating and fermenting high-nitrogen organic material with microbiological strains selected from the group consisting of lactobacillus rhamnosum LGG, lactobacillus acidophilus, streptococcus lactis, bacillus subtilis, brewers yeast and rhodopseudomonas palustris.

21. (previously presented) The method according to claim 14, further comprising obtaining the culture medium by

agitating and fermenting a mixture of high-nitrogen organic material and a microbiological strain selected from the group consisting of lactobacillus rhamnosum LGG, lactobacillus acidophilus, streptococcus lactis, bacillus subtilis, brewers yeast and rhodopseudomonas palustris;

diluting the mixture; and

subjecting the diluted mixture to aeration and agitation to obtain a culture medium with a pH of 8.0 or greater without adding inorganic salts.

22. (previously presented) The method according to claim 21, wherein said culture medium is free of inorganic salts selected from the group consisting of  $\text{Na}_2\text{CO}_3$ ,  $\text{NaHCO}_3$ , and  $\text{NaH}_2\text{PO}_4$ .

23. (previously presented) The method according to claim 20, wherein said culture medium further comprises edible microorganisms.

24. (previously presented) The method according to claim 20, wherein said high-nitrogen organic substance is a high-protein organic matter.

25-33. (canceled)